IN THE CLAIMS:

1. (Currently Amended) A self-supporting polysiloxane film comprising a polysiloxane ~~obtained~~crosslinked by ~~crosslinking~~reacting, in the presence of a platinum catalyst, a polysiloxane having an unsaturated aliphatic hydrocarbon group ~~in one molecule~~ and represented by the average structural formula: (1) $R^1_aSiO_{(4-a)/2}$ (where R^1 is a C_1~C_{10} monovalent hydrocarbon group and the subscript «a» is a positive number in the range of $0<a<2$) with an organosilicon compound having~~, in each molecule,~~ at least two hydrogen atoms directly bonded to silicon atoms.

2. (Currently Amended) The self-supporting polysiloxane film according to Claim 1, in which the polysiloxane represented by the above-mentioned average structural formula (1) comprises $(XR^2_2SiO_{1/2})$ units (where X is a C_2~C_{10} monovalent unsaturated aliphatic hydrocarbon group, and R^2 is a C_1~C_{10} monovalent hydrocarbon group other than X) and $(R^3SiO_{3/2})$ units (where R^3 is a C_1~C_{10} monovalent hydrocarbon group other than X) ~~as essential constitutional units~~.

3. (Currently Amended) The self-supporting polysiloxane film according to Claim 1, in which the polysiloxane represented by the above-mentioned average structural formula (1) comprises $(R^4_nSiO_{(4-n)/2})$ units (where R^4 is selected independently from a C_1~C_{10} monovalent hydrocarbon group and a C_2~C_{10} monovalent unsaturated aliphatic hydrocarbon group, and «n» is 1, 2, or 3)[[,]] and $(SiO_{4/2})$ units, and contains an unsaturated aliphatic hydrocarbon group ~~in one molecule~~.

4. (Currently Amended) The self-supporting polysiloxane film according to Claim 1 which does not have a specific light absorption band in the visible wavelength range and has an optical transmissivity of not less than 85% at 400 nm and an optical transmissivity of not less than 88% in the wavelength range of from 500 nm to 700 nm.

5. (Cancelled)

6. (Currently Amended) A method of manufacturing a self-supporting polysiloxane film comprising the steps of:

forming an uncured film by coating a substrate with a crosslinkable polysiloxane composition comprising a polysiloxane having an unsaturated aliphatic hydrocarbon group ~~in one molecule~~ and represented by the average structural formula: (1) $R^1_aSiO_{(4-a)/2}$ (where R^1 is a C_1~C_{10} monovalent hydrocarbon group and the subscript «a» is a positive number in the range of $0<a<2$), an organosilicon compound having~~, in each molecule,~~ at least two hydrogen atoms directly bonded to silicon atoms, and a platinum catalyst;

producing a cured film by crosslinking the above-mentioned uncured film; and

peeling off the above-mentioned cured film from the above-mentioned substrate.

7. (Currently Amended) The method of manufacturing a self-supporting polysiloxane film according to Claim 6, wherein the polysiloxane represented by the above-mentioned average structural formula (1) comprises ($XR^2_2SiO_{1/2}$) units (where X is a C_2~C_{10} monovalent unsaturated aliphatic hydrocarbon group and R^2 is independently a C_1~C_{10} monovalent hydrocarbon group other than X) and ($R^3SiO_{3/2}$) units (where R^3 is a C_1~C_{10} monovalent hydrocarbon group other than X).

8. (Currently Amended) The method of manufacturing a self-supporting polysiloxane film according to Claim 6, wherein the polysiloxane represented by the above-mentioned average structural formula (1) comprises ($R^4_nSiO_{(4-n)/2}$) units (where R^4 is selected independently from a C_1~C_{10} monovalent hydrocarbon group and a C_2~C_{10} monovalent unsaturated aliphatic hydrocarbon group, the subscript «n» is 1, 2, or 3)[[,]] and ($SiO_{4/2}$) units, and contains ~~in one molecule~~ an unsaturated aliphatic hydrocarbon group.

9. (Original) A laminated film comprising an inorganic substance layer on a transparent substrate made from a self-supporting cross-linked polysiloxane that does not have a specific light absorption band in the wavelength range of 400 nm to 800 nm.

10. (Original) The laminated film of Claim 9, wherein said inorganic substance layer is a layer of metal or a semiconductor metal oxide applied by vapor deposition.

11. (Currently Amended) The laminated film according to Claim 9, wherein said crosslinked polysiloxane film is made from a polysiloxane ~~obtained~~crosslinked by ~~crosslinking~~reacting a polysiloxane ~~that contains~~containing an unsaturated aliphatic hydrocarbon group ~~in one molecule~~ and [[is]] represented by the following average structural unit formula (1):

$$R^1_aSiO_{(4-a)/2} \qquad (1)$$

(where R^1 is a C_1~C_{10} monovalent hydrocarbon group and the subscript «a» is a positive number in the range of $0<a<2$) and an organosilicon compound having~~, in each molecule,~~ at least two hydrogen atoms directly bonded to silicon atoms, ~~said crosslinking being carried out~~ in the presence of a platinum catalyst.

12. (Original) The laminated film according to Claim 11, wherein said polysiloxane represented by the above-mentioned average structural formula (1) comprises ($XR^2_2SiO_{1/2}$) units (where X is a C_2~C_{10} monovalent unsaturated aliphatic hydrocarbon group and R^2 is a C_1~C_{10} monovalent hydrocarbon group other than X) and ($R^3SiO_{3/2}$) units (where R^3 is a C_1~C_{10} monovalent hydrocarbon group other than X).

13. (Currently Amended) The laminated film according to Claim 11, wherein said polysiloxane represented by the above-mentioned average structural formula (1) comprises ($R^4_nSiO_{(4-n)/2}$) units (where R^4 is selected independently from a C_1~C_{10} monovalent hydrocarbon group and a C_2~C_{10} unsaturated aliphatic hydrocarbon group, the subscript «n» is 1, 2, or 3)[[,]] and ($SiO_{4/2}$) units, and contains an unsaturated aliphatic hydrocarbon group ~~in one molecule~~.

14. (Original) A method of manufacturing a laminated film by forming an inorganic substance layer in a vacuum film-forming process at a temperature not exceeding 300°C on a transparent substrate made from a self-supporting cross-linked polysiloxane that does not have a specific light absorption band in the wavelength range of 400 nm to 800 nm.